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Ⓢ Pending

Ⓢ Active

L2: (2548) anticorrosant

L3: (59617) polyurethane adj foam

L4: (1) ("19544121") PN

L1: (52) anticorrosant

L5: (1) ("19544121") PN

L6: (1) 15

L7: (4) ("4242463") PN

L8: (26) ozone adj inhibitor

L9: (91) ozone adj inhibitor

L10: (6660) dimer adj acid

L11: (1693) polyester adj polyol

L13: (2) 12 and 112

L12: (298) 110 same 111

L14: (157148) antioxidant

L16: (2) 12 and 115

L15: (137) 112 and 114

L17: (8977) irganox

L18: (37) 118 and 117

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(13) It has now been found that the above and related objects of the present invention are provided by a copolyester of at least one aromatic dicarboxylic acid member, at least one dimer acid, at least one C.sub.2 --C.sub.10 glycol, and at least one polyester polyol member utilized as a chain extender. The aromatic dicarboxylic acid member is a symmetrical aromatic dicarboxylic acid or an acid functioning derivative thereof, and is preferably terephthalic acid or dimethyl terephthalate. The dimer acid is preferably a dimerized unsaturated fatty acid, a hydrogenated derivative thereof, or an acid-functioning derivative of either; and the C.sub.2 --C.sub.10 glycol is preferably 1,4-butanediol or 1,6-hexanediol.

(14) The chain extending polyester polyol member is either a polycaprolactone polyol having a molecular weight of from about 500 to about 5,000 and a functionality greater than 2, or a mixture of a polycaprolactone diol having a molecular weight of from about 350 to about 5,000 and a non-polymeric polyol having a functionality greater than 2. The polycaprolactone polyol is present in an amount from about 1 to about 6 mole percent of the total dicarboxylic acid members in the copolyester, and the polycaprolactone diol and the non-polymeric polyol are each present in the mixture in an amount from about 1 to about 6 mole percent of the total dicarboxylic acid members in the copolyester.

(15) The thermoplastic copolyesters of the present invention are characterized by a melting temperature greater than 70 degree C and a glass transition temperature less than 25 degree C, and are prepared by forming an intermediate copolyester of the aromatic dicarboxylic acid member, the dimer acid and the C.sub.2 --C.sub.10 glycol, and chain extending the intermediate copolyester by reaction thereof with the polyester polyol member for about 1-6

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	U	1	Document ID	Issue Date	Pages	Title	Current OR	Current Ref	Paternal C	Inventor	3	U	P	
28	<input type="checkbox"/>	<input type="checkbox"/>	US 4510755 A	19890307	12	Polyester graft copolymers, flexible coating	525/440	525/131; 525/167		Ryntz; Rose A.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
29	<input type="checkbox"/>	<input type="checkbox"/>	US 4504732 A	19890214	15	Polysiloxane graft copolymers, flexible coating	528/28	525/474; 525/476		Ryntz; Rose A. et al.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
30	<input type="checkbox"/>	<input type="checkbox"/>	US 4766185 A	19890523	15	Polysiloxane graft copolymers, flexible coating	525/475	528/24; 528/26		Ryntz; Rose A. et al.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
31	<input type="checkbox"/>	<input type="checkbox"/>	US 4754014 A	19880628	15	Polysiloxane graft copolymers, flexible coating	528/28	525/474; 525/476		Ryntz; Rose A. et al.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
32	<input type="checkbox"/>	<input type="checkbox"/>	US 4673718 A	19870616	15	Polysiloxane graft copolymers, flexible coating	525/476	525/474; 525/477		Ryntz; Rose A. et al.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
33	<input type="checkbox"/>	<input type="checkbox"/>	US 4588787 A	19860513	7	Flexible two component urethane coating	525/440	525/454; 525/457		Kordomenos; Panagiotis I. et al.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
34	<input type="checkbox"/>	<input type="checkbox"/>	US 4576855 A	19860318	11	Coating composition and skinned polyurethane foam	428/215	428/318.6; 428/318.8		Okina; Toyohiko et al.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
35	<input type="checkbox"/>	<input type="checkbox"/>	US 4533763 A	19850806	10	Flexible basecoat/two component clearcoat coating	525/440	427/407.1; 427/409		Kordomenos; Panagiotis I. et al.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
36	<input type="checkbox"/>	<input type="checkbox"/>	US 4530976 A	19850723	8	Flexible uni-basecoat/two component clearcoat coating	525/440	428/423.1; 428/423.7		Kordomenos; Panagiotis I. et al.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
37	<input type="checkbox"/>	<input type="checkbox"/>	US 3975323 A	19760517	9	Copolyesters, method of manufacturing same, and hot	525/411	523/107; 525/415		Georgiadis; Paul C. et al.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

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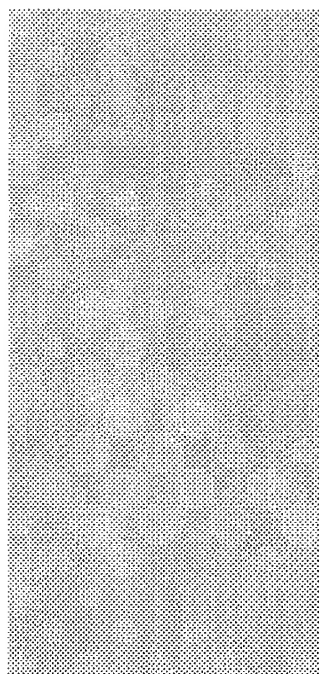
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			Pigme
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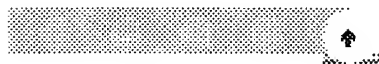
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Ciba® IRGANOX® 1010 offers extreme protection against overbake yellowing by terminating free radicals in conventional solvent-based and powder coating systems. Ciba® IRGANOX® anti-oxidants are phenolic based anti-oxidants that hinder therm oxidation of polymers where high temperature applications are used.

Unlike hindered amines, anti-oxidants are consumed - and not regenerated - in the

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